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(54)**CATALYTIC BURNER**

exit of the premixed gas.

(57)Abstract:

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PURPOSE: To reduce the length of the catalyst without affecting the condition of the combustion relating to a catalytic burner and furthermore, from an opposite viewpoint, to enable improving the condition of the combustion of such a burner when a catalyst in use is inadequate in terms of the efficiency of combustion, components of the discharged gas, etc., by providing a porous heat-insulating material on the downstream side of the catalyst.

CONSTITUTION: A catalytic burner, in which a premixed gas prepared from a combustible gas and air is continuously fed and burnt, is provided with a porous catalyst 5 in the combustion chamber 1b and with a porous heat-insulating material 6 on the side of

